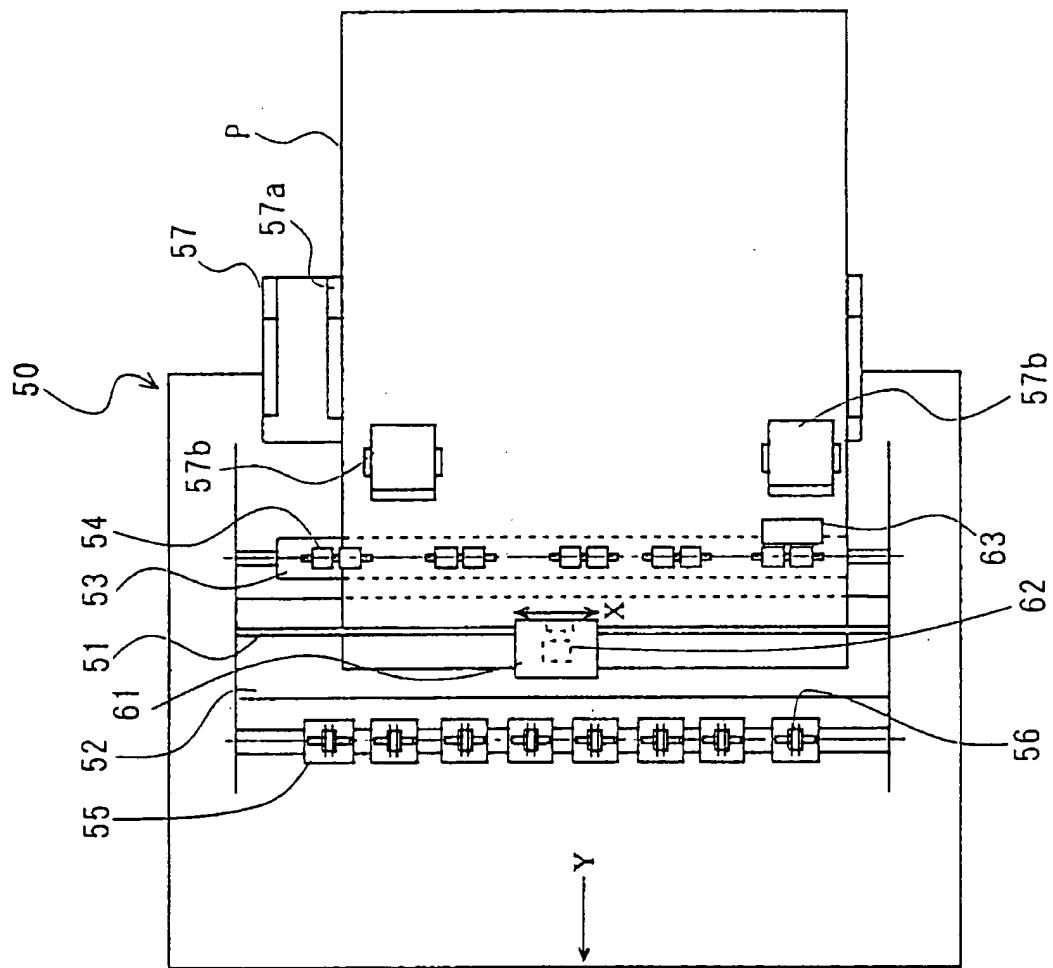


F I G . 1

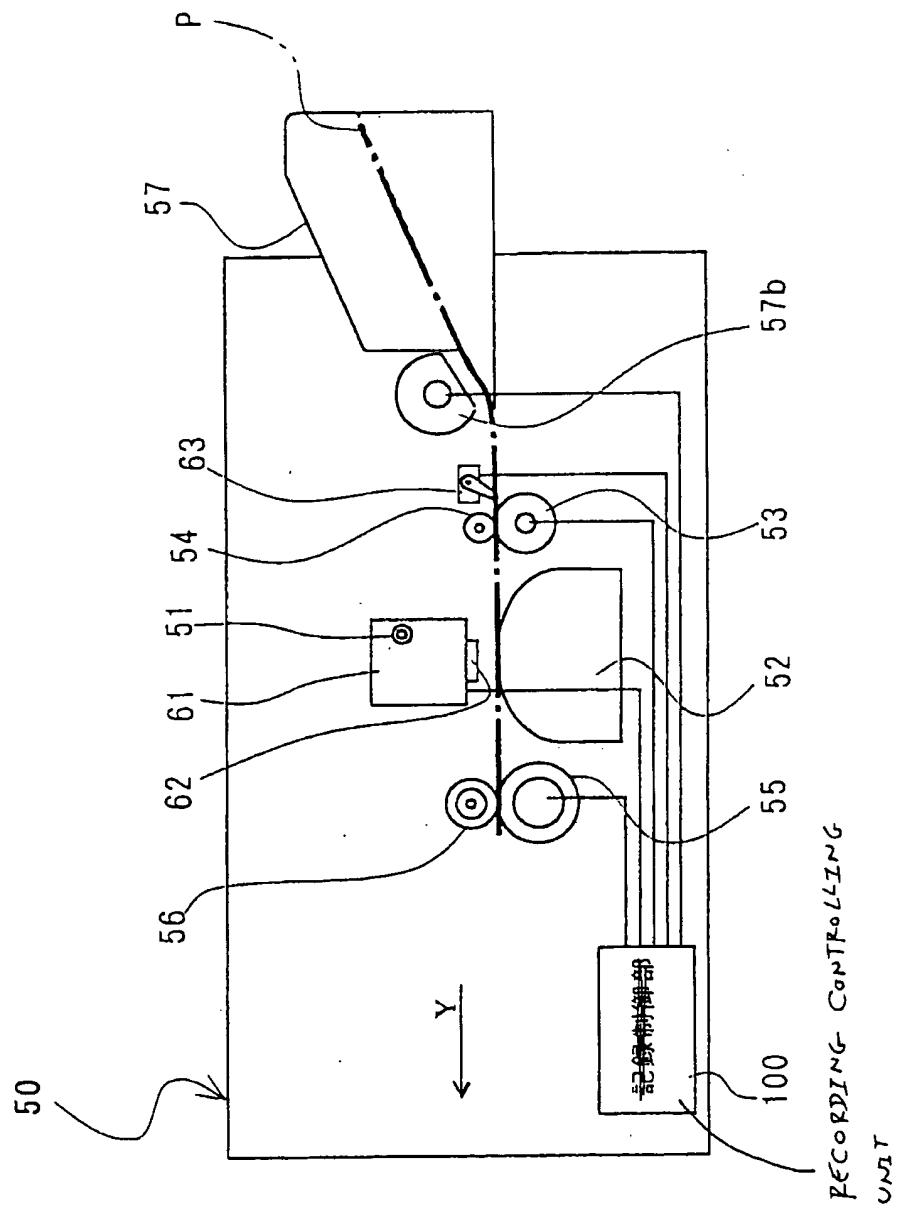
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幣所No. EP9002
SE-0241



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帶所No. EP9002

F I G . 2



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~~幣所No. EP9002~~

FIG. 3

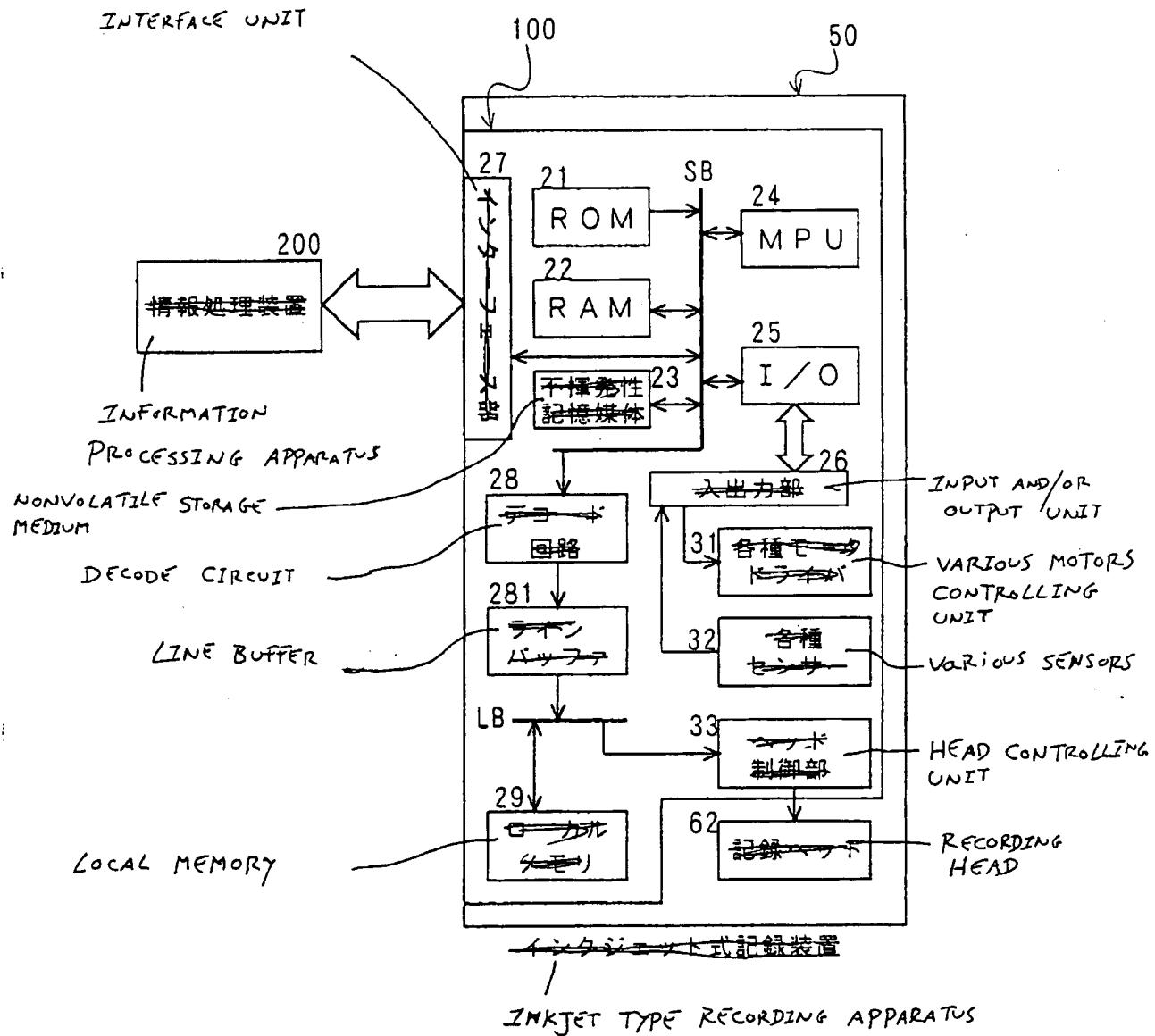
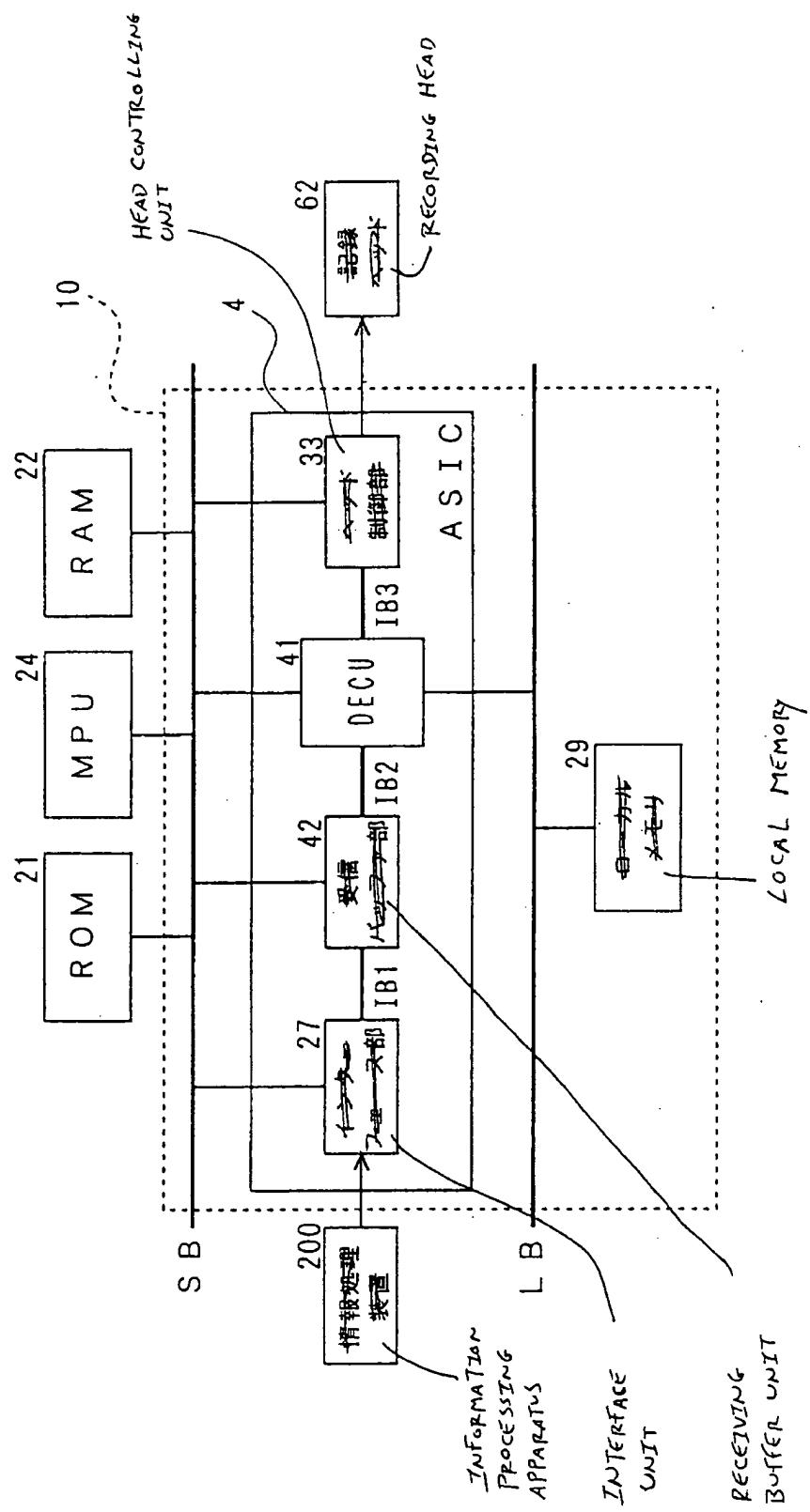


FIG. 4

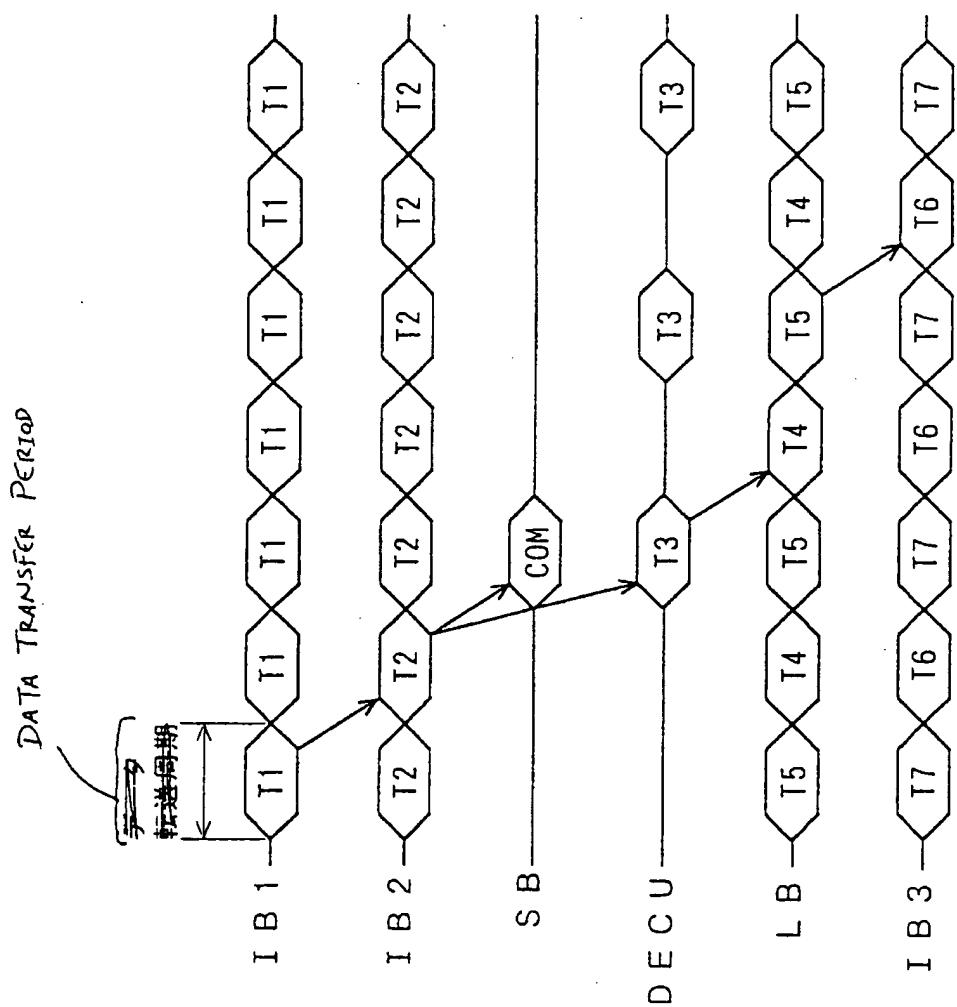
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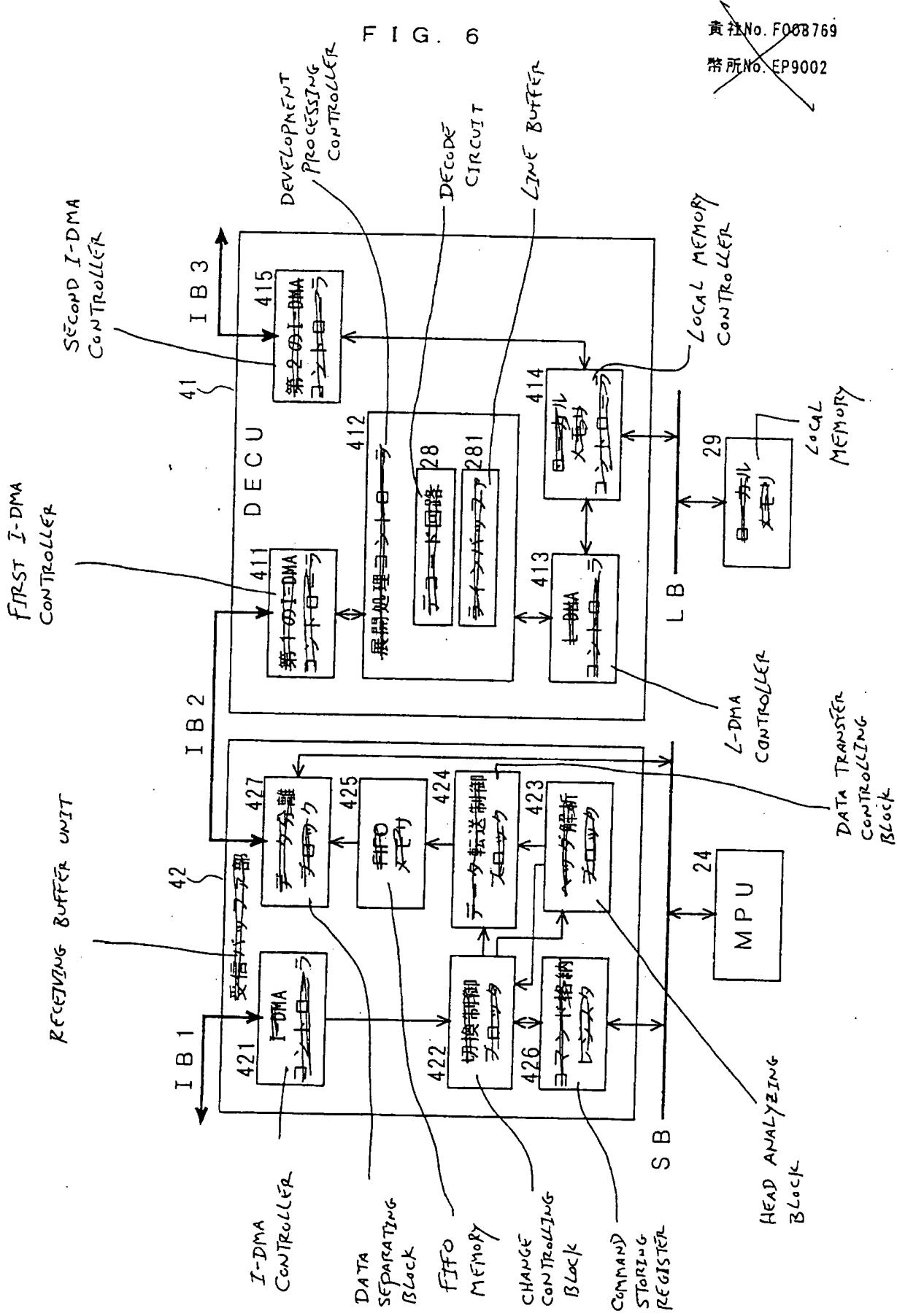


F I G . 5

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DATA SEPARATING BLOCK

INFORMATION PROCESSING APPARATUS

FIFO MEMORY

FIRST I-DMA
CONTROLLER

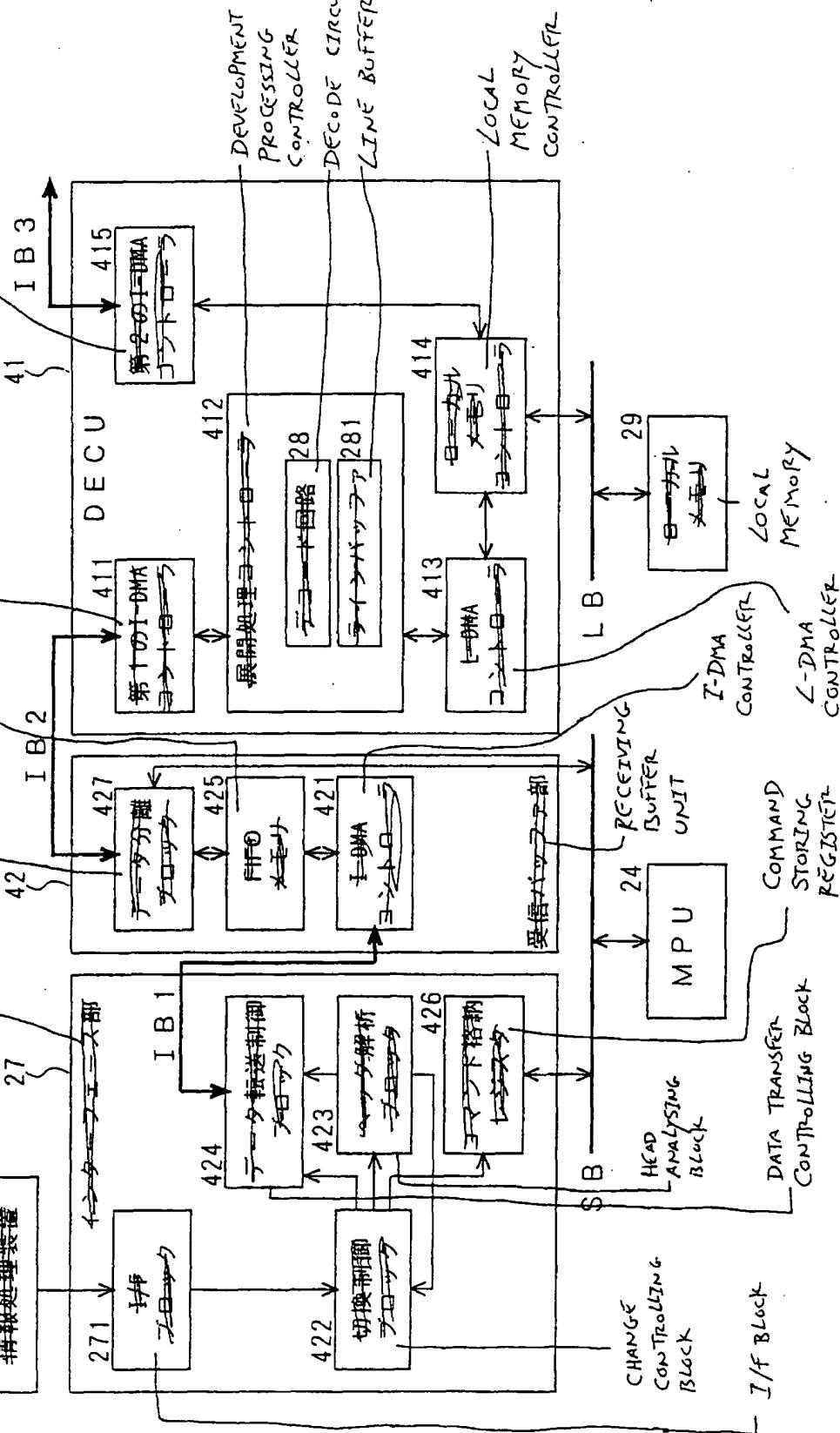
INTERFACE UNIT

200

情報処理装置

271

情報処理装置

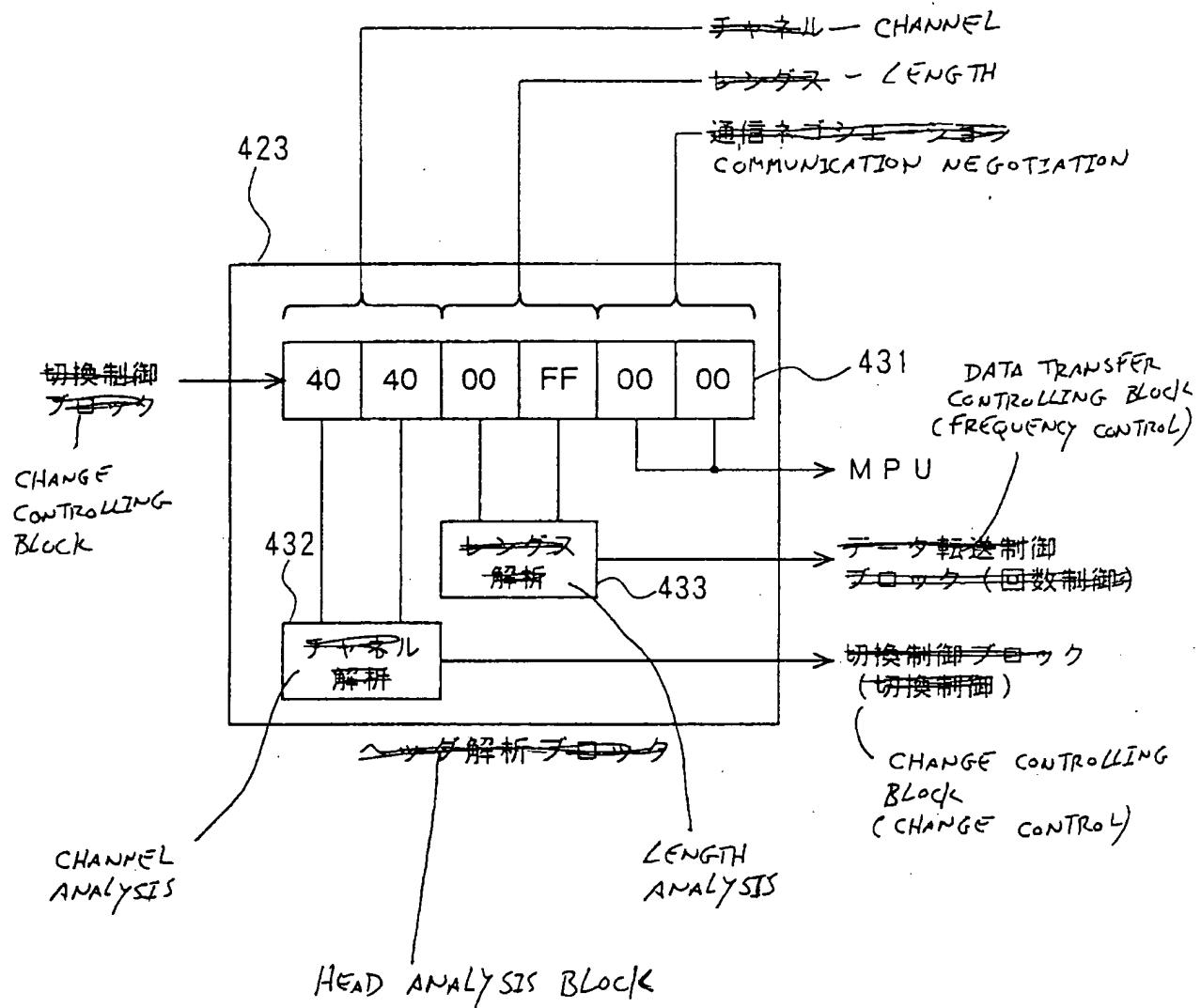


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F I G . 8



OPERATION CONDITION

MAIN MEMORY SIDE: STARTING ADDRESS OF RUN LENGTH
DATA IS AN EVEN ADDRESS

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LOCAL MEMORY SIDE: STARTING ADDRESS OF IMAGE DATA
NUMBER of BYTES IN 1 LINE: ADDRESS ~~16~~
16 BYTES

FIG. 9

動作条件

メインメモリ側：ランニングステータの開始アドレス 偶数アドレス
ローカルメモリ側：イメージデータの開始アドレス 偶数アドレス
1ラインバイト数：16バイト

MAIN
MEMORY

| | TRANSFER S1 | DECU | |
|--------------|---|------|--|
| | 転送S1 → FE 01 | | |
| FE 01 | | | |
| 03 02 | FACE A → A面 01 01 01 | | |
| 78 55 | FACE B → B面 | | |
| 44 FB | 転送S2 → 03 02 | | |
| FF FE | TRANSFER S2 A面 01 01 01 02 | | |
| 11 06 | FACE A → A面 | | |
| FA 0C B | FACE B → B面 | | |
| 66 12 | 転送S3 → 78 55 | | |
| 77 45 | TRANSFER S3 A面 01 01 01 02 78 55 | | |
| 89 10 | FACE A → A面 | | |
| 55 FB | FACE B → B面 | | |
| 10 FA | 転送S4 → 44 FB | | |
| 20 08 | TRANSFER S4 A面 01 01 01 02 78 55 44 | | |
| 12 13 | FACE B → B面 | | |
| 14 15 | 転送S5 → FF FE | | |
| 16 17 | TRANSFER S5 A面 01 01 01 02 78 55 44 FF FF FF FF FF FF FF | | |
| 18 19 | FACE B → B面 | | |
| 20 FD | 転送S6 → 11 06 | | |
| 11 02 | TRANSFER S6 A面 01 01 01 02 78 55 44 FF FF FF FF FF FF 11 11 11 | | |
| 98 B0 | FACE B → B面 | | |
| F2 FC | 転送S7 → 66 12 | | |
| AB 03 | TRANSFER S7 A面 | | |
| FF FE | FACE B → B面 66 12 | | |
| FC FD | 転送S8 → 77 45 | | |
| FE FF | TRANSFER S8 A面 | | |
| | FACE B → B面 66 12 77 45 | | |
| TRANSFER S9 | 転送S9 → 89 10 | | |
| | FACE A → A面 | | |
| | FACE B → B面 66 12 77 45 89 10 | | |
| TRANSFER S10 | 転送S10 → 55 FB | | |
| | FACE A → A面 | | |
| | FACE B → B面 66 12 77 45 89 10 55 | | |
| TRANSFER S11 | 転送S11 → 10 FA | | |
| | FACE A → A面 | | |
| | FACE B → B面 66 12 77 45 89 10 55 10 10 10 10 10 10 | | |
| TRANSFER S12 | 転送S12 → 20 08 | | |
| | FACE A → A面 20 20 20 20 | | |
| | FACE B → B面 66 12 77 45 89 10 55 10 10 10 10 10 10 20 20 20 | | |

TRANSFER D1



TRANSFER D2



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FIG. 10

DECU

TRANSFER S13

| | | | | | | | | | |
|--------|---|-------|-------------------|--|--|--|--|--|--|
| 輸送S13 | → | 12 13 | | | | | | | |
| FACE A | → | A面 | 20 20 20 20 12 13 | | | | | | |
| FACE B | → | B面 | | | | | | | |

TRANSFER S14

| | | | | | | | | | |
|--------|---|-------|-------------------------|--|--|--|--|--|--|
| 輸送S14 | → | 14 15 | | | | | | | |
| FACE A | → | A面 | 20 20 20 20 12 13 14 15 | | | | | | |
| FACE B | → | B面 | | | | | | | |

TRANSFER S15

| | | | | | | | | | |
|--------|---|-------|-------------------------------|--|--|--|--|--|--|
| 輸送S15 | → | 16 17 | | | | | | | |
| FACE A | → | A面 | 20 20 20 20 12 13 14 15 16 17 | | | | | | |
| FACE B | → | B面 | | | | | | | |

TRANSFER S16

| | | | | | | | | | |
|--------|---|-------|-------------------------------------|--|--|--|--|--|--|
| 輸送S16 | → | 18 19 | | | | | | | |
| FACE A | → | A面 | 20 20 20 20 12 13 14 15 16 17 18 19 | | | | | | |
| FACE B | → | B面 | | | | | | | |

TRANSFER S17

| | | | | | | | | | |
|--------|---|-------|--|--|--|--|--|--|--|
| 輸送S17 | → | 20 F0 | | | | | | | |
| FACE A | → | A面 | 20 20 20 20 12 13 14 15 16 17 18 19 20 | | | | | | |
| FACE B | → | B面 | | | | | | | |

TRANSFER S18

| | | | | | | | | | |
|--------|---|-------|---|--|--|--|--|--|--|
| 輸送S18 | → | 11 02 | | | | | | | |
| FACE A | → | A面 | 20 20 20 20 12 13 14 15 16 17 18 19 20 11 | | | | | | |
| FACE B | → | B面 | 11 | | | | | | |

TRANSFER S19

| | | | | | | | | | |
|--------|---|-------|----------|--|--|--|--|--|--|
| 輸送S19 | → | 98 B0 | | | | | | | |
| FACE A | → | A面 | | | | | | | |
| FACE B | → | B面 | 11 98 B0 | | | | | | |

TRANSFER S20

| | | | | | | | | | |
|--------|---|-------|-------------|--|--|--|--|--|--|
| 輸送S20 | → | F2 F0 | | | | | | | |
| FACE A | → | A面 | | | | | | | |
| FACE B | → | B面 | 11 98 B0 F2 | | | | | | |

TRANSFER S21

| | | | | | | | | | |
|--------|---|-------|-------------------------------|--|--|--|--|--|--|
| 輸送S21 | → | AB 03 | | | | | | | |
| FACE A | → | A面 | | | | | | | |
| FACE B | → | B面 | 11 98 B0 F2 AB AB AB AB AB AB | | | | | | |

TRANSFER S22

| | | | | | | | | | |
|--------|---|-------|----------------------------------|--|--|--|--|--|--|
| 輸送S22 | → | FF FE | | | | | | | |
| FACE A | → | A面 | | | | | | | |
| FACE B | → | B面 | 11 98 B0 F2 AB AB AB AB AB FF FE | | | | | | |

TRANSFER S23

| | | | | | | | | | |
|--------|---|-------|--|--|--|--|--|--|--|
| 輸送S23 | → | FC FD | | | | | | | |
| FACE A | → | A面 | | | | | | | |
| FACE B | → | B面 | 11 98 B0 F2 AB AB AB AB AB FF FE FC FD | | | | | | |

TRANSFER S24

| | | | | | | | | | |
|--------|---|-------|---|--|--|--|--|--|--|
| 輸送S24 | → | FE FF | | | | | | | |
| FACE A | → | A面 | | | | | | | |
| FACE B | → | B面 | 11 98 B0 F2 AB AB AB AB AB FF FE FC FD FF FF FF | | | | | | |

TRANSFER D3

TRANSFER D4

SETTING CONDITION
 NO VERTICAL LINE REARRANGEMENT
 TOTAL NUMBER OF DEVELOPED BYTES: 64 BYTES (16×4)
 NUMBER OF BYTES IN 1 LINE: 16 BYTES
 NUMBER OF DEVELOPED LINES: 4 LINES

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FIG. 11

設定条件
 ライン織り変換なし
 総展開バイト数: 64バイト(16×4)
 1ラインバイト数: 16バイト
 展開ライン数: 4ライン

LOCAL MEMORY

(a) FIG. 11A

| | | | | |
|------|-------|-------|-------|-------|
| D1 → | 01 01 | 01 02 | 78 55 | 44 FF |
| | FF FF | FF FF | FF 11 | 11 11 |
| | 00 00 | 00 00 | 00 00 | 00 00 |
| | 00 00 | 00 00 | 00 00 | 00 00 |
| | 00 00 | 00 00 | 00 00 | 00 00 |
| | 00 00 | 00 00 | 00 00 | 00 00 |
| | 00 00 | 00 00 | 00 00 | 00 00 |
| | 00 00 | 00 00 | 00 00 | 00 00 |

(b) FIG. 11B

| | | | | |
|------|-------|-------|-------|-------|
| D2 → | 01 01 | 01 02 | 78 55 | 44 FF |
| | FF FF | FF FF | FF 11 | 11 11 |
| | 66 12 | 77 45 | 89 10 | 55 10 |
| | 10 10 | 10 10 | 10 20 | 20 20 |
| | 00 00 | 00 00 | 00 00 | 00 00 |
| | 00 00 | 00 00 | 00 00 | 00 00 |
| | 00 00 | 00 00 | 00 00 | 00 00 |
| | 00 00 | 00 00 | 00 00 | 00 00 |

(c) FIG. 11C

| | | | | |
|------|-------|-------|-------|-------|
| D3 → | 01 01 | 01 02 | 78 55 | 44 FF |
| | FF FF | FF FF | FF 11 | 11 11 |
| | 66 12 | 77 45 | 89 10 | 55 10 |
| | 10 10 | 10 10 | 10 20 | 20 20 |
| | 20 20 | 20 20 | 12 13 | 14 15 |
| | 16 17 | 18 19 | 20 11 | 11 11 |
| | 00 00 | 00 00 | 00 00 | 00 00 |
| | 00 00 | 00 00 | 00 00 | 00 00 |

(d) FIG. 11D

| | | | | |
|------|-------|-------|------------------|------------------|
| D4 → | 01 01 | 01 02 | 78 55 | 44 FF |
| | FF FF | FF FF | FF 11 | 11 11 |
| | 66 12 | 77 45 | 89 10 | 55 10 |
| | 10 10 | 10 10 | 10 20 | 20 20 |
| | 20 20 | 20 20 | 12 13 | 14 15 |
| | 16 17 | 18 19 | 20 11 | 11 11 |
| | 11 98 | B0 F2 | ABA _E | ABA _B |
| | AB FF | FE FC | FD FF | FF FF |

F I G. 12

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